



ENGINEERING OPERATIONS COMMITTEE
MEETING MINUTES
SEPTEMBER 6, 2000 - 9:00 A.M.
EXECUTIVE CONFERENCE ROOM

- | | | | |
|----------|-----------------|--------------|-----------------|
| Present: | C. T. Maki | C. Roberts | P. F. Miller |
| | J. D. O'Doherty | T. E. Davies | J. W. Reincke |
| | T. Fudaly | S. Bower | |
| Guests: | T. Myers | C. Bleech | M. VanPortFleet |
| | D. L. Smiley | G. Mayes | J. Grossklaus |
| | M. Frankhouse | J. T. LaVoy | M. Bott |

OLD BUSINESS

1. **Approval of the Minutes of the August 3, 2000, Meeting - C. T. Maki**

Minutes of the August 3, 2000, meeting were approved with the following correction to Old Business, Item 2 - New Traffic Recommendations Committee:

FHWA Tom Fudaly, Engineering and Operations Manager

NEW BUSINESS

1. **Request From Michigan Aggregate Association for Specification Revisions - D. L. Smiley**

The Michigan Aggregate Association is requesting the gradation specification for 22A (dense graded base) be revised and that more crushed particles be allowed for backfill (34R) in underdrain trenches.

The revised gradation for 22A would potentially allow more fines and a higher wash content resulting in impeded drainability and increased potential for frost heave in the base.

Allowing more crushed particles for 34R backfill further reduces the aggregate's ability to flow into the trench, which prevents it from achieving a compacted condition without being further manipulated or worked.

ACTION: The 22A issue is tabled. The committee recommended trying a revised 34R by special provision on a couple projects in 2001. Dave Smiley will coordinate preparation of the special provision and will write the cover letter to MAA for Tom Maki's signature.

2. Revisions to Construction and Technology Manuals - J. Ruszkowski

The following Construction and Technology Division manuals have been revised according to Bureau of Highway Instructional Memorandum 2000-19.

- Aggregate Source Inventory
- Materials Sampling Guide
- Construction Manual
- Michigan Test Methods
- Materials Quality Assurance Manual

The revisions to these manuals were clarifications or corrections of existing procedures. Region review and approval were obtained.

ACTION: The committee approved the revisions and publication, and distribution of the revisions was authorized by Tom Maki signing BOH IM 2000-19.

3. Bituminous Mixture Selection Guidelines - M. Frankhouse

The guidelines have been revised based on an internal department review and partnering committees with industry. Changes include use of polymer modified binders for high traffic roadways, new Aggregate Wear Index (AWI) guides, and the use of Superpave mixtures for Capital Preventative Maintenance (CPM) projects.

Thom Davies questioned the added cost the Superpave mixtures would add to the CPM program.

ACTION: The first two changes, polymer modified binders and new AWI guides, were approved. Approval of the Superpave mixtures for CPM was tabled until the region's can do a cost analysis and assess the magnitude of impact on the CPM program.

4. Cold-in-Place Recycling - S. Bower

The Pavement Selection Committee submitted a proposed pilot project for review and approval in accordance with last month's EOC directive. The 2001 candidate project is on M-29 in St. Clair County, C.S. 77052, Job No. 47052, from the north city limits of St. Clair north 2.2 miles to River Road.

ACTION: EOC approves the M-29 pilot project.

5. Work Zone Devices - J. Grossklaus/M. Bott

Temporary signs and 3.6 m Type III Barricades purchased or manufactured after October 1, 2000, must comply with NCHRP Report 350. These MDOT work zone devices have not been crash tested and are not approved. Several options were discussed to gain compliance for these devices, which apply to all work activities including construction, maintenance and utilities on all NHS and state routes.

ACTION: EOC approved crash testing these particular work zone devices under NCHRP Report 350 criteria. The Type III barricade will be tested with all the present extra mountings - lights and sign.

A funding source was not identified.

(Signed Copy on File at C&T/Secondary)

Jon W. Reincke, Secretary
Engineering Operations Committee

JWR:kat

cc: EOC Members
Region Engineers

J. R. DeSana	R. J. Risser, Jr. (MCPA)	L. Stornant	T. L. Nelson
R. J. Lippert, Jr.	A. C. Milo (MRBA)	J. Ruskowski	R. D. Till
D. L. Smiley	J. Becsey (MAPA)	C. Libiran	M. Frierson
M. Nystrom (AUC)	D. Hollingsworth (MCA)	G. J. Bukoski	C. W. Whiteside
M. Newman (MAA)	J. Steele (FHWA)	K. Rothwell	T. E. Myers
J. Murner (MRPA)			